

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-20. (Cancelled)

21. (Currently Amended) A tool replacement method, comprising:

positioning a spindle relative to a nut driving station ~~wherein the nut driving station~~ wherein the nut driving station comprises a forward nut driver and a reverse nut driver ~~and a reverse nut driver~~, each of the forward nut driver and the reverse nut driver having a respective forward-rotating or reverse-rotating nut driver and a unidirectional spindle rotation preventor axially aligned with each other, wherein each of the forward nut driver and reverse nut driver is resiliently supported in a rotary mount mounted to the nut driving station for rotation a nut of the spindle;

positioning a receiving hole of a tool holding jig substantially in alignment with a tool associated with the spindle;

engaging the spindle and the nut with the unidirectional spindle rotation preventor and the reverse-rotating nut driver respectively;

rotating the nut relative to the spindle to loosen a chuck of the spindle;

transferring the tool holding jig from the spindle to a tool post;

engaging the spindle and the nut with the spindle rotation preventor and with the forward-rotating nut driver respectively;
positioning a replacement tool substantially within the chuck of the spindle; and
rotating the nut relative to the spindle to tighten the chuck of the spindle.

22. (Previously Presented) The method of claim 21, wherein the positioning of the replacement tool includes:

locating the replacement tool in a tool station; and receiving the replacement tool in a second receiving hole of the tool holding jig.

23. (Previously Presented) The method of claim 21, wherein engaging the spindle includes locking the spindle during the rotation of the nut.

24. (New) The method of claim 21, wherein the reverse nut driver comprises a reciprocally acting mechanism that includes a hydraulic cylinder having a hydraulically actuated rod, pivotally connected to a portion of the respective forward nut driver or reverse nut driver to effect a rotational motion of the respective nut driver.